

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** A process of producing a foam sheet comprising:

forming a foamable composition into a sheet having a thickness of 1 μ m to 10 mm, said composition comprising an acid ~~or~~-base generator that generates an acid ~~or~~-a-base, respectively, due to an action of an active energy beam, said composition further comprising a polymeric decomposing compound that has a decomposing foamable functional group that decomposes and eliminates one or more types of low boiling point volatile substances by reacting with the acid ~~or~~-base;

irradiating the sheet with an active energy beam; and

foaming the sheet, wherein

the decomposing foamable functional group is selected from the group consisting of a tert-butyl group, a tert-butyloxycarbonyl group, a keto acid group[[,]] and a keto acid ester group, ~~a urethane group and a carbonate group.~~

2. **(Canceled)**

3. **(Previously presented)** A process according to claim 1, wherein the sheet is foamed by heating as necessary and then irradiated with the active energy beam.

4. **(Previously presented)** A process according to claim 1, wherein the forming step comprises extrusion forming.

5. **(Canceled)**

6. **(Previously presented)** A process according to claim, 1 wherein the sheet is foamed by heating after irradiating with the active energy beam.

7. **(Previously presented)** A process according to claim, 1 wherein the foamable composition is formed into a sheet having a thickness of 1 μ m to 100 μ m.

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8.-9. (Canceled)